



KS2 Science objectives and key vocabulary

Year A	Electricity
LKS2	<p>Identify common appliances that run on electricity</p> <p>Construct a simple series electrical circuit, identifying and naming its basic parts, including cells, wires, bulbs, switches and buzzer</p> <p>Identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a loop with a battery</p> <p>Recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit</p> <p>Recognise some common conductors and insulators, and associate metals with being good conductors</p>
UKS2	<p>Associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuits</p> <p>Compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches</p> <p>Use recognised symbols when representing a simple circuit in a diagram</p>
LKS2 Vocabulary	Electricity appliances/device mains plug electrical circuit symbol component cell battery positive negative connection wire crocodile clip bulb bright dim switch buzzer motor conductor insulator metal non-metal
UKS2 Vocabulary	As for LKS2 and: current voltage resistance